

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Dick et al.

**Application No.:** 09/923,263

**Confirmation No.:** 2525

**Filed:** August 3, 2001

**For:** PERIODIC CELL SEARCH

**Group:** 2681

**Examiner:** Not Yet Known

Our File: I-2-0166.1US  
(Formerly I-2-166.1US)

Date: March 5, 2002

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. § 1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

The undersigned hereby states that four (4) of the thirteen (13) references included in this Information Disclosure Statement (IDS) were cited in a PCT Search Report, copy enclosed, dated February 1, 2002 for a corresponding PCT application.

The undersigned also states that this application is related to Application No. 09/826,547, entitled "BASE STATION SYNCHRONIZATION FOR WIRELESS COMMUNICATION SYSTEMS", filed April 5, 2001 (Attorney Docket No. I-2-164.1US).




**Applicant:** Dick et al.  
**Application No.:** 09/923,263

Accordingly, seven (7) of the thirteen (13) references included in this IDS were cited in a PCT Search Report, copy enclosed, dated July 24, 2001 for a PCT application corresponding to related Application No. 09/826,547.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Dick et al.

By   
Darryl W. Shorter  
Registration No. 47,942  
(215) 568-6400

Volpe and Koenig, P.C.  
Suite 400, One Penn Center  
1617 John F. Kennedy Boulevard  
Philadelphia, PA 19103

DWS/amc  
Enclosures

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
I-2-0166.1US  
(Formerly I-2-166.1US)SERIAL NO.  
09/923,263APPLICANT  
Dick et al.FILING DATE  
August 3, 2001GROUP  
2681

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5 4 4 8 5 7 0	9/95	Toda et al.			
AB	6 0 1 4 3 7 6	1/00	Abreu et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AC	0 8 5 2 4 3 0	7/98	Europe				
AD	0 9 5 4 1 2 2	11/99	Europe				
AE	9 4 2 8 6 4 3	12/94	PCT				
AF	9 9 0 0 9 1 2	1/99	PCT				
AG	9 9 4 4 3 0 6	9/99	PCT				
AH	9 9 6 6 7 5 4	12/99	PCT				
AI	0 0 1 4 9 0 7	3/00	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	Nyström et al., Comparison Of Cell Search Methods for Asynchronous Wideband CDMA Cellular System, International Conference on Universal Personal Communications, IEEE, New York, NY, US, Vol. 2, October 5, 1998, pages 783-787.
AK	Higuchi et al., Experimental Evaluation of 3-Step Cell Search Method in W-CDMA Mobile Radio, VTC 2000 IEEE, 0-7803-5718-3, pages 303-307.
AL	Wang et al., Cell Search in W-CDMA, IEEE Journal on Selected Areas in Communications, Vol. 18, No. 8, August 2000, pages 1470-1482.
AM	Haruki Yahata, Autonomous Master-Slave Frame Synchronization among Microcellular Base Stations, Electronics & Communications in Japan, Part I - Communications, Scripta Technica, New York, U.S., Vol. 82, No. 4, April 1999, Pages 1-13.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/923,263	
	Filing Date	August 3, 2001	
	First Named Inventor	Dick et al.	
	Group Art Unit	2681	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	12	Attorney Docket Number	I-2-0166.1US (Formerly I-2-166.1US)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): SEE REMARKS
Remarks		PTO-1449 Form; Copies of Two (2) PCT Search Reports; and Thirteen (13) references cited thereon.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Darryl W. Shorter Volpe and Koenig, P.C.	Reg. No. 47,942
Signature		
Date	March 5, 2002	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:			
		March 5, 2002	
Typed or printed name	Darryl W. Shorter		
Signature		Date	March 5, 2002

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